

ATTORNEY DOCKET NO.: 044921-5124
 SOLE/Joint INVENTION
 (Worldwide Rights)

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Arthur CASTLE	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Second Assignor Brandon HIGGS 	Assignor's Signature	Date 10/13/03
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Third Assignor Michael ELASHOFF	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Fourth Assignor Mark PORTER	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Names of additional inventors attached		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 044921-5124

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NUCLEIC ACID DETECTION ASSAY CONTROL GENES

The specification of which:

is attached hereto; or

was filed as United States application Serial No. 10/620,765 on July 17, 2003 and was amended on _____ (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19
On _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section 1.56.

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PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
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I hereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.	U.S. FILING DATE:
60/396,145	July 17, 2002

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. OR PCT INTERNATIONAL APPLICATIONS		STATUS (Check One)		
APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: **09629**

Direct Telephone Calls To:

202-739-3000

Combined Declaration for Patent Application and Power of Attorney - (Continued)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

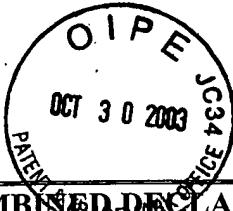
FULL NAME OF SOLE OR FIRST INVENTOR	Arthur CASTLE	
RESIDENCE & CITIZENSHIP	Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	
FIRST OR SOLE INVENTOR'S SIGNATURE	 10/14/03	
FULL NAME OF SECOND INVENTOR	Brandon HIGGS	
RESIDENCE & CITIZENSHIP	Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	
SECOND INVENTOR'S SIGNATURE		
FULL NAME OF THIRD INVENTOR	Michael ELASHOFF	
RESIDENCE & CITIZENSHIP	Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	
THIRD INVENTOR'S SIGNATURE		

Listing of Inventors Continued on attached page(s): Yes No

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
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FULL NAME OF FOURTH INVENTOR	Mark PORTER	
RESIDENCE & CITIZENSHIP	Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	

Listing of Inventors Continued on attached page(s): Yes No



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POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	
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SECOND INVENTOR'S SIGNATURE 		DATE 10/13/03
FULL NAME OF THIRD INVENTOR	Michael ELASHOFF	
RESIDENCE & CITIZENSHIP	Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	708 Quince Orchard Road, Gaithersburg, MD 20878	
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Listing of Inventors Continued on attached page(s): Yes No

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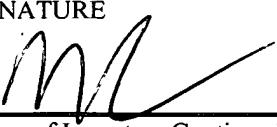
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FULL NAME OF SOLE OR FIRST INVENTOR		Arthur CASTLE	
RESIDENCE & CITIZENSHIP		Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS		708 Quince Orchard Road, Gaithersburg, MD 20878	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE	
FULL NAME OF SECOND INVENTOR		Brandon HIGGS	
RESIDENCE & CITIZENSHIP		Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS		708 Quince Orchard Road, Gaithersburg, MD 20878	
SECOND INVENTOR'S SIGNATURE		DATE	
FULL NAME OF THIRD INVENTOR		Michael ELASHOFF	
RESIDENCE & CITIZENSHIP		Gaithersburg, Maryland	COUNTRY OF CITIZENSHIP U.S.A.
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THIRD INVENTOR'S SIGNATURE		DATE  10/13/2003	

Listing of Inventors Continued on attached page(s): Yes No

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Listing of Inventors Continued on attached page(s): Yes No



FORM PTS 591
(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 044921-5124

To the Commissioner for Patents
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

Arthur CASTLE
Brandon HIGGS
Michael ELASHOFF
Mark PORTER

Additional names of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Gene Logic, Inc.

Internal Address: 708 Quince Orchard Road, Gaithersburg,
Maryland 20878

Street Address:

City:

State:

Zip:

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: October 19, 2003, October 13, 2003,
October 13, 2003 and October 13, 2003

Additional name(s) & address(es) attached?

Yes No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/620,765

B. Patent No.(s)

Additional numbers attached: Yes No

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Michael S. Tuscan, Ph.D.

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629

Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

Enclosed

Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.

Michael S. Tuscan, Ph.D., Reg. No. 43,210
Name of Person Signing


Signature

October 30, 2003
Date

Total number of pages including cover sheet, attachments and documents: 9



FORM PTO-1595
(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Execution Date: October 19, 2003, October 13, 2003,
October 13, 2003 and October 13, 2003

Additional name(s) & address(es) attached?

Yes No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/620,765

B. Patent No.(s)

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael S. Tuscan, Ph.D.

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629

Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

Enclosed
 Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael S. Tuscan, Ph.D., Reg. No. 43,210
Name of Person Signing


Signature

October 30, 2003
Date

Total number of pages including cover sheet, attachments and documents: 9

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

NUCLEIC ACID DETECTION ASSAY CONTROL GENES

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on July 17, 2003, (Serial No. 10/620,765); and

WHEREAS, Gene Logic, Inc., a corporation of Delaware, whose post office address is 708 Quince Orchard Road, Gaithersburg, Maryland 20878 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to these inventions in all countries throughout the world, and in and to these applications for United States Letters Patent on these inventions and the Letters Patent to be issued upon these applications;

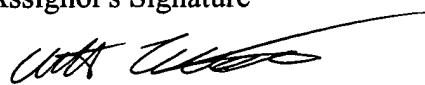
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to the invention(s) of this application, all national stage applications, all divisionals, continuations and continuations-in-part of the foregoing applications, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed in any foreign country and all Letters Patent which may be granted on these inventions in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for these inventions to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting these inventions, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to these inventions in said assignee, its successors or assigns, execute all divisionals, all national stage applications, all continuations, continuations-in-part and reissue applications thereof, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for these inventions in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

ATTORNEY DOCKET NO.: 044921-5124
SOLE/Joint INVENTION
(Worldwide Rights)

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Arthur CASTLE	Assignor's Signature 	Date 10/19/03
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Second Assignor Brandon HIGGS	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Third Assignor Michael ELASHOFF	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Full Name of Fourth Assignor Mark PORTER	Assignor's Signature	Date
Address 708 Quince Orchard Road, Gaithersburg, Maryland, 20878		Citizenship U.S.A.
Names of additional inventors attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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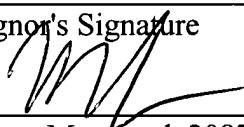
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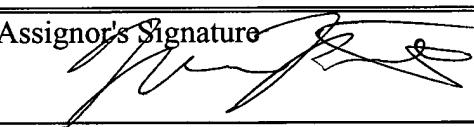
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